Fig.1

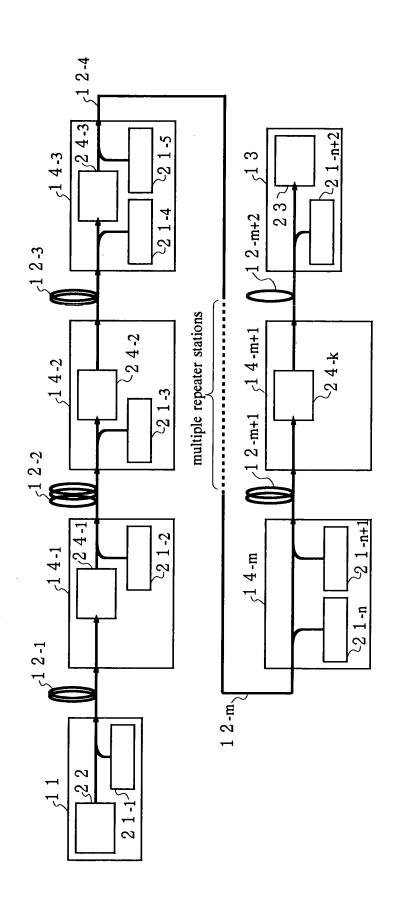
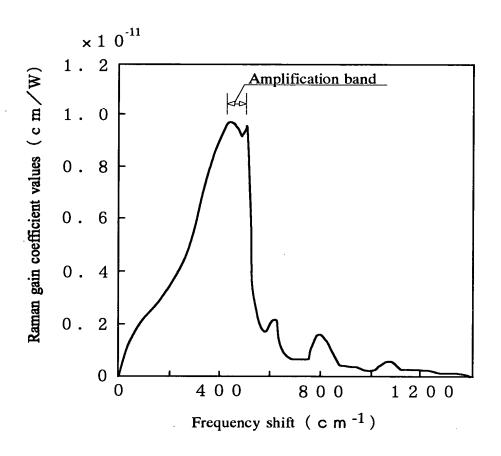


Fig.2



(R.G.Stolen: "Nonlinearity in fiber transmission," Proc.IEEE, Vol.68, P1232-1236, 1980)

Fig.3

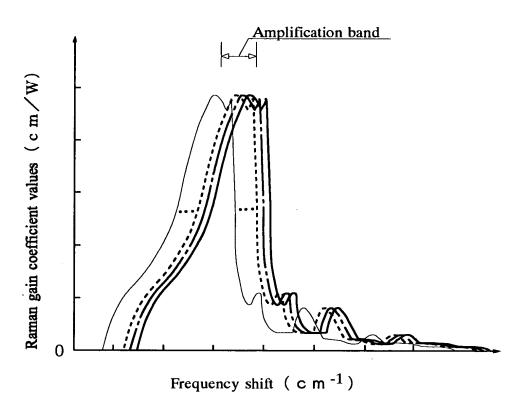


Fig.4

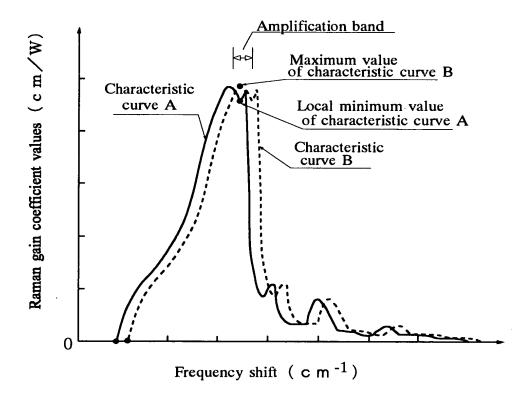
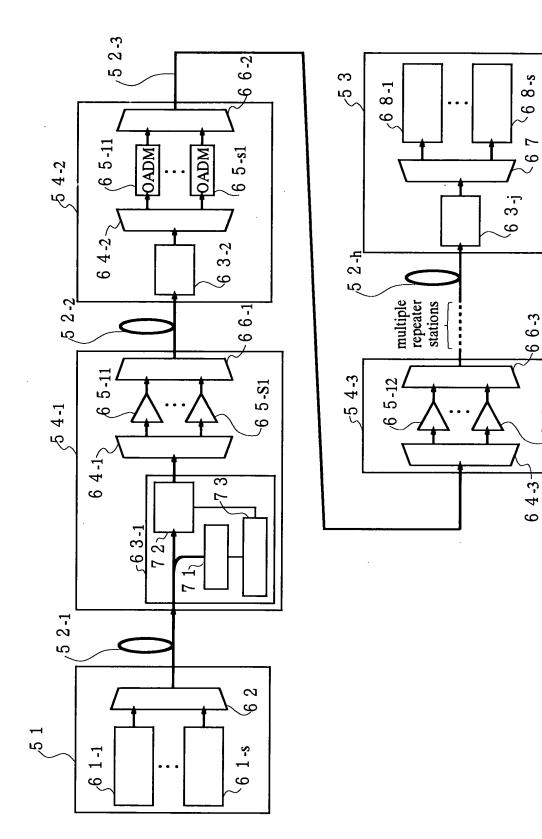


Fig.5



-6 5-s2

Fig.6

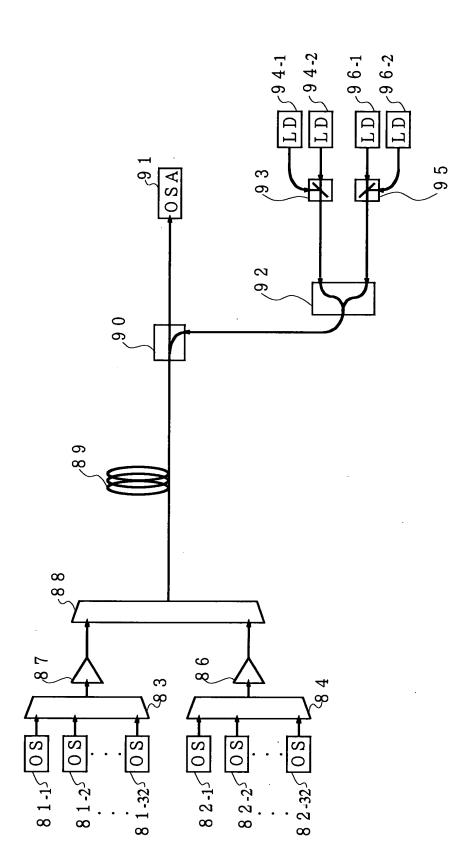


Fig.7

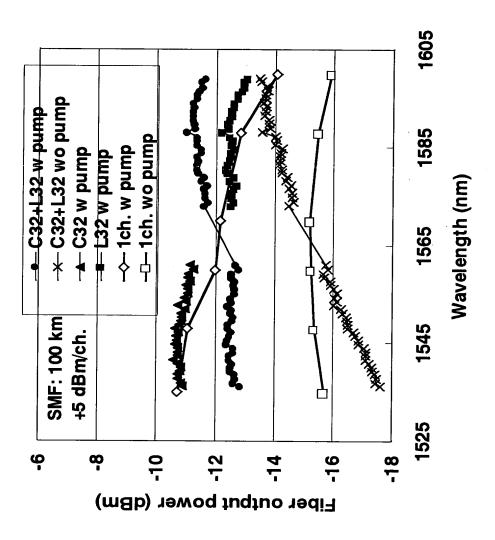


Fig.8

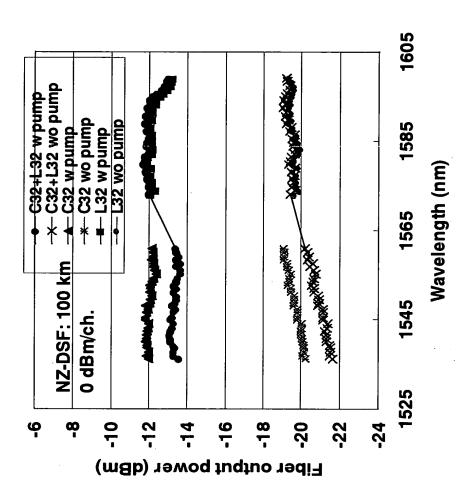


Fig.9

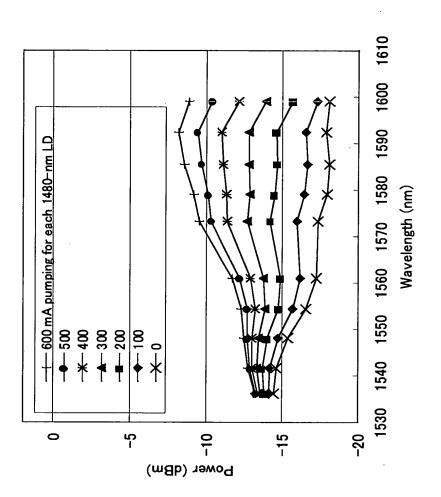


Fig.10

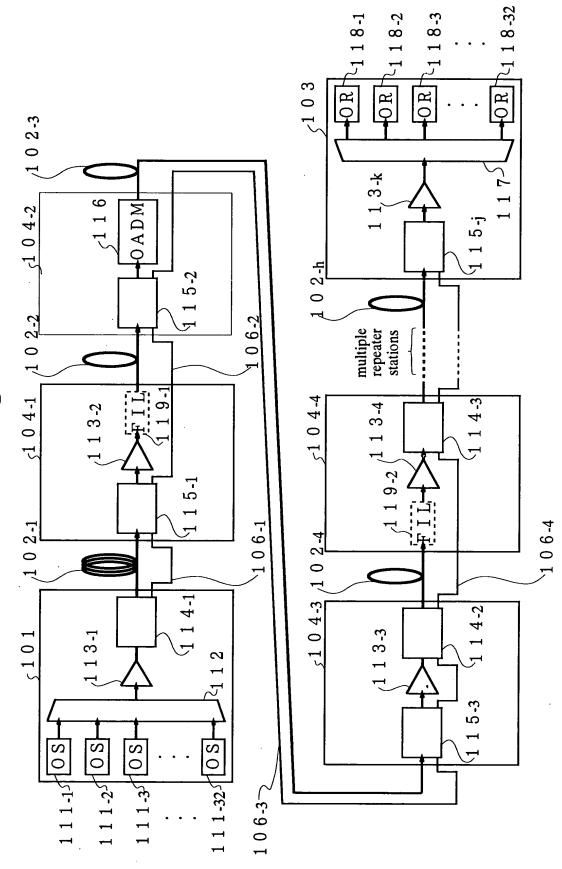


Fig.11

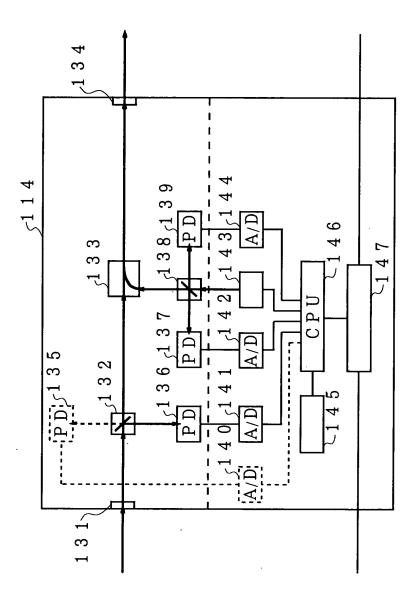


Fig.12

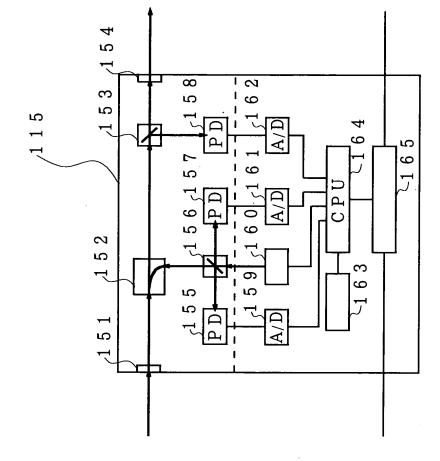


Fig.13

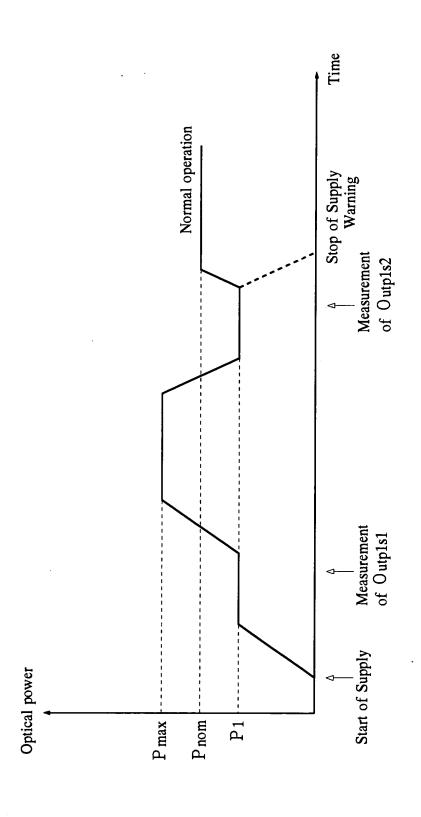


Fig.14

(a)

| Pump light numbers | Pump light wavelenghts |
|--------------------|------------------------|
| 1 | λ1 |
| 2 | λ2 |
| 3 | λ3 |
| 4 | λ4 |
| 5 | λ5 |
| 6 | λ6 |
| 7 | λ7 |
| 8 | λ8 |

(b)

| Pump light numbers | Pump light wavelenghts |
|--------------------|------------------------|
| 1 | λ7 |
| 2 | λ2 |
| 3 | λ5 |
| 4 | λ6 |
| 5 | λ4 |
| 6 | λ3 |
| 7 | λ8 |
| 8 | λ1 |

Fig.15

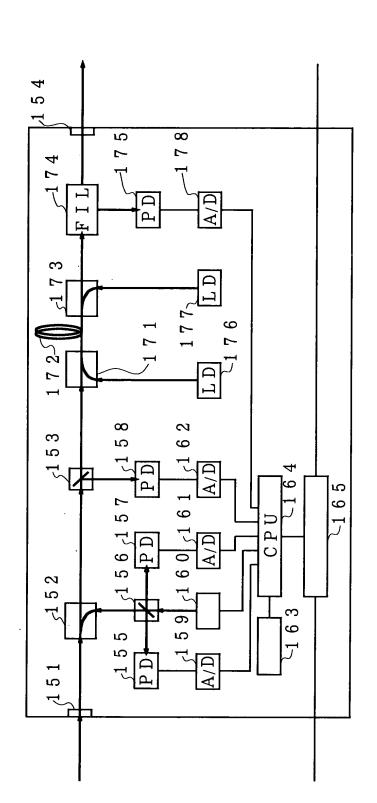


Fig.16

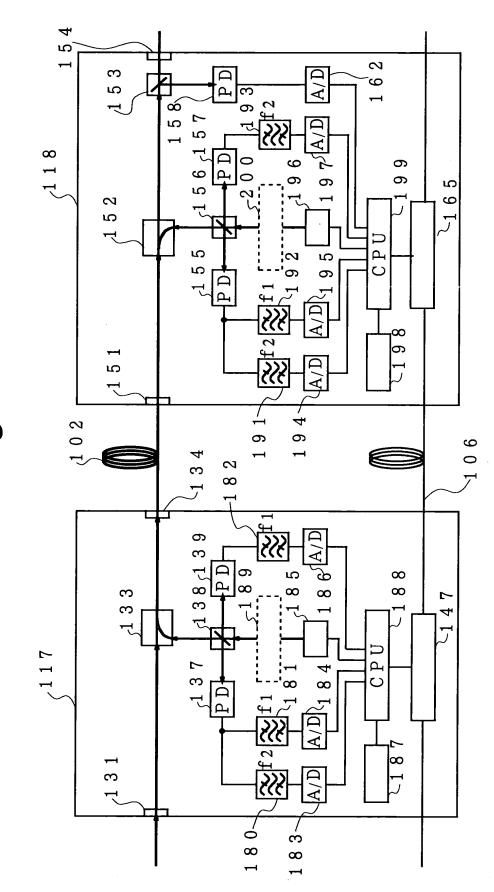


Fig.17

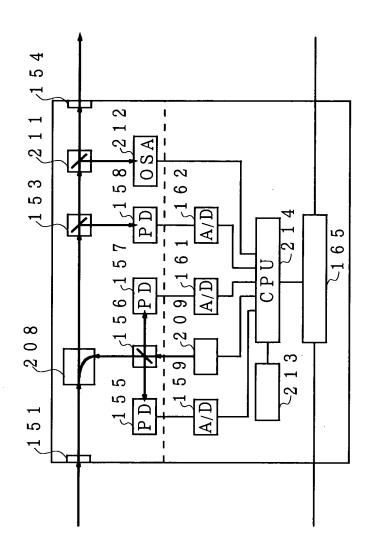


Fig.18

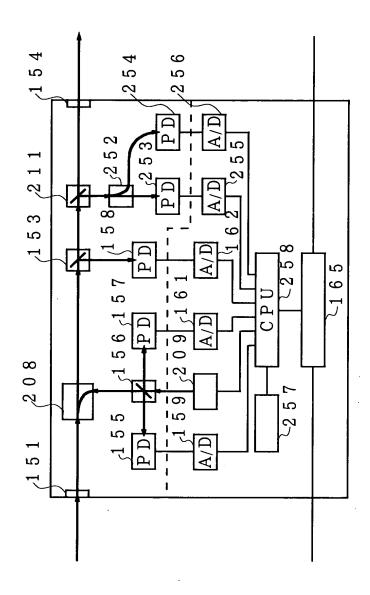


Fig.19

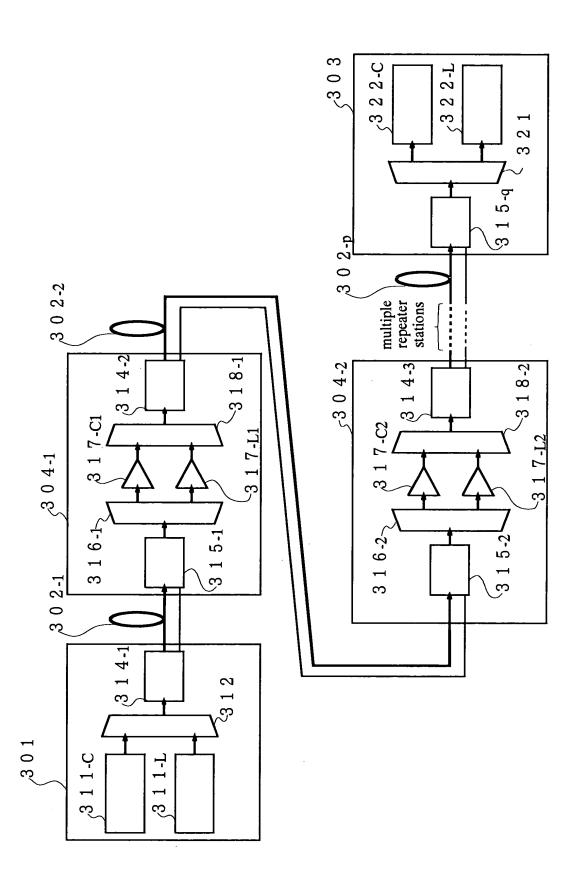


Fig.20

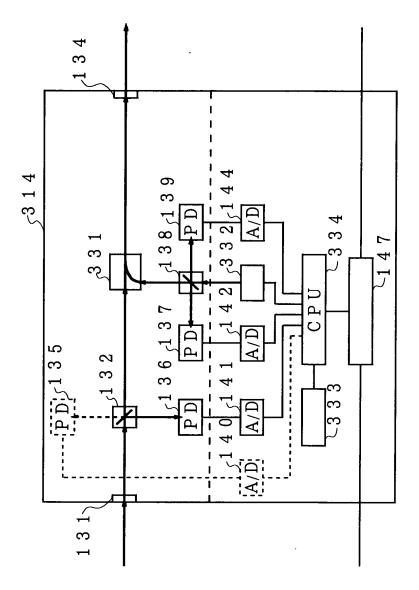


Fig.21

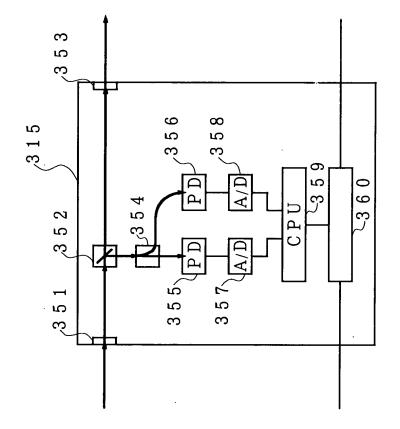


Fig.22

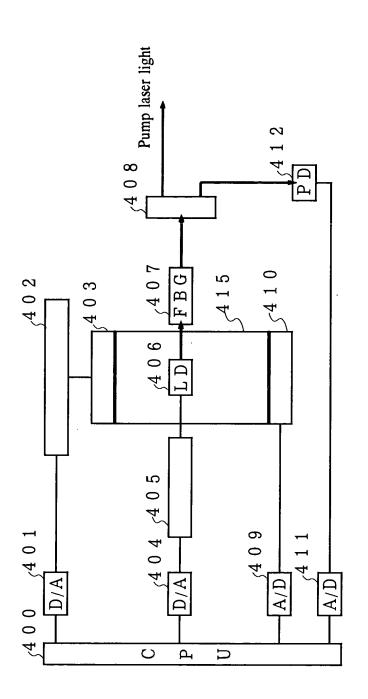


Fig.23

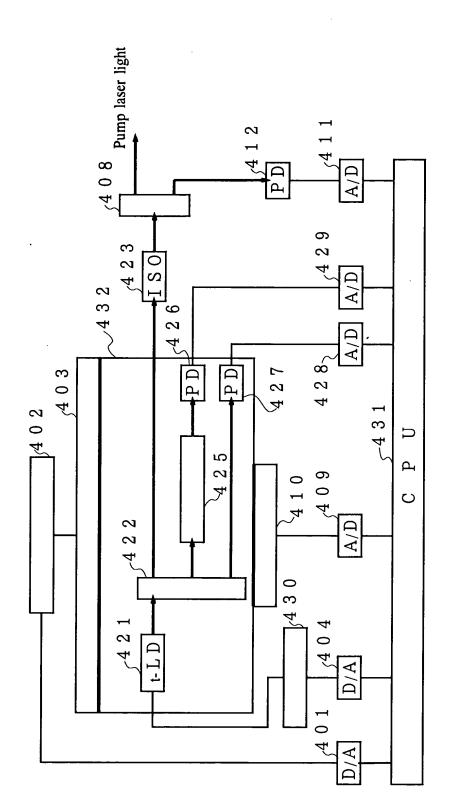


Fig.24

